GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:2070
ANSWERED ON:14.12.2004
POTENTIAL OF TIDAL ENERGY
Gehlot Shri Thaawar Chand

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the potential of tidal energy in the country at present;

(b) the percentage out of it is being used in the country;

(c) the names and details of the countries in the world successfully generating power from the tidal;

(d) whether any agreements have been signed with such countries for technical collaboration;

(e) if so, the details thereof; and

(f) if not, the reasons therefor?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a): Over 15,000 MW of tidal power potential has been estimated in the country at Gulf of Kachchh & Gulf of Cambay in Gujarat and Durgaduani creek in Sunderbans in West Bengal.

(b): No tidal energy project has been installed in the country so far.

(c): The major tidal power projects are in operation in France (240 MW), Canada (20 MW) and Russia (0.4 MW).

(d), (e) & (f): No agreement has been signed with any country for technical collaboration in the area of tidal energy because their techno-economic viability has not been established for the Indian conditions so far.